

CLAIMS

1. An aspirating roller (1) for transferring labels, comprising at least a pair of pads (20;21) projecting relative to a lateral surface (1a) of the roller (1), characterised in that at least a portion of the lateral surface (1a) of the roller (1) between the pads (20;21) is elastically deformable.
2. A roller as claimed in claim 1, characterised in that said elastically deformable lateral surface (1a) is defined by at least a plate-like element (6).
3. A roller as claimed in claim 2, characterised in that the plate-like element (6) has connecting portions which are inserted into corresponding openings present on each pad (20;21).
4. A roller as claimed in claim 3, characterised in that it comprises at least a dampening insert (9) interposed between a surface (8) not in view of the plate-like element (6) and a structural portion (1b) of the roller (1).
5. A roller as claimed in claim 4, characterised in that the dampening insert (9) is made of sponge-like material.
6. A roller as claimed in claim 3, characterised in that each pad (20;21) has a dovetailed coupling (20a;21a) so shaped as to be coupled with corresponding seats (10) obtained on the roller (1).
7. A roller as claimed in claim 6, characterised in that it comprises at least a stop element (11) removably fastened to the roller (1) and defining at least a portion (10a) of one of said seats (10), to maintain in position a pad (21) during the operation of the roller (1) to allow its possible removal when the roller is in resting condition.
8. A roller as claimed in claim 7, characterised in that the stop element

(11) is removably fastened to the roller (1) by means of a mechanical connection.

9. A roller as claimed in claim 8, characterised in that the mechanical connection is constituted by at least a screw.

10. A roller as claimed in claim 1, characterised in that it comprises at least a dampening insert (5) interposed between a surface (22;23) not in view of each pad (20;21) and a structural portion (1b) of the roller (1).

11. A roller as claimed in claim 3, characterised in that the connecting portions comprise a plurality of tabs (6a;6b;6c;6d) so shaped as to be inserted into corresponding slots (7) present on each pad (20;21).

12. A roller as claimed in claim 2, characterised in that the plate-like element (6) has a plurality of holes (16) to allow the aspiration of a label.

13. A roller as claimed in claim 2, characterised in that the plate-like element (6) is flexible and made of harmonic steel.

14. A method for removing an elastically deformable plate-like element (6), of the type present between a pair of pads (20;21) and defining a lateral surface (1a) of a transfer roller (1), characterised in that it comprises the following steps:

- removing a stop element (11) for a pad (21) associated to the roller (1);
- sliding the pad (21) along a lateral development of the roller (1), to disengage it from a seat (10) obtained on the roller (1) itself;
- disengaging first connecting portions (6a;6b) of the plate-like element (6) from corresponding openings (7) present on the removed pad (21);
- disengaging second connecting portions (6c;6d) of the plate-like element

(6) from corresponding openings (7) present on a second pad (20);

- removing the plate-like element (6), now free.

15. A method for mounting an elastically deformable plate-like element (6), of the type present between a pair of pads (20;21) and defining a lateral surface (1a) of a transfer roller (1), characterised in that it comprises the following steps:

- removing a stop element (11) for a pad (21) associated to the roller (1);

- sliding the pad (21) along a lateral development of the roller (1), to disengage it from a seat (10) obtained on the roller itself (1);

- inserting second connecting portions (6c;6d) of the plate-like element (6) into corresponding openings (7) present on a second pad (20) fastened on the roller (1);

- inserting first connecting portions (6a;6b) of the plate-like element (6) into corresponding openings (7) present on the removed pad (21);

- reinserting the removed pad (21) into the corresponding seat (10) present on the roller (1);

- fastening the stop element (11) to the roller (1).